SYSTEMS AND METHODS FOR IMPROVING USABILITY OF IMAGES FOR MEDICAL APPLICATIONS

ABSTRACT OF THE DISCLOSURE

A method for retrospective internal gating is provided. The method includes scanning a patient to obtain projection data, generating images from the projection data, generating a signal representing information regarding a physiological cycle of an object within the patient, specifying at least one target phase based on which the images can be sorted, and sorting the images based on the target phase within a cycle of motion of the object to generate at least one series of images.